TECHNICAL DATA SHEET

ENVIRO-SAFE RAIN GUARD
MICROPOROUS WATER REPELLENT FACADE PROTECTION

EXTREME ROLLER ON CREAM SILICONE WATER REPELLENT
THAT GIVES DEEP FACADE PENITRATION

When external walls get wet the thermal efficiency of the property drops, wet walls allow heat to travel through the walls more easily therefore losing valuable heat and increasing fuel bills. External wet walls may even allow moisture to travel the whole thickness of the wall and leave damp patches on the internal surface and leave mould growth and salt deposits.

Untreated facades that are prone to moisture penetration and could result in damaged brick work due to freeze/thaw cycles.

DESCRIPTION

Rain Guard is based on carefully selected Silanes and Siloxanes and provides a deeply penetrating façade water-repellent cream for the protection of façade masonry. It prevents rain penetration into masonry by lining the pores of bricks and stone rather than blocking them – allowing the masonry to continue to breathe naturally. Being in cream formulation **Rain Guard** stays were it is applied and will not run down vertical surfaces and windows, unlike other liquid water repellents thus avoiding the need to mask windows and doors, it also means the window and door reveals can be treated without over spray, **Rain Guard** is not affected by wind on application therefore avoiding possible collateral damage, **Rain Guard** is breathable, colourless and will not alter the natural finish of the masonry so is particularly suited for application to brickwork or stonework.

PERFORMANCE

Cream formula **Rain Guard** is able to penetrate substrates more deeply than conventional water repellants. This means that it will continue to perform much longer than liquid water repellants. Its ability to bridge small cracks also improves its performance.

Rain Guard can be used for areas that are prone to flooding, by coating the exterior walls the appearance of the property does not alter unlike the use of Tanking slurries or waterproof renders, however it can be used in conjunction with Tanking Slurry to provide both internal and external protection.

BENEFITS OF RAIN GUARD

- Ease of application
- High quality water and rain repellant.
- Deep penetration into the substrate that can improve effectiveness by bridging small cracks
- Less heat loss
- Single coat application
- Resistant to UV
- Allows substrate to breath
- Can be used on newly pointed walls
- Easy to calculate usage

APPLICATION

Rain Guard should only be applied to dry, porous surfaces. It should not be applied over sealed or painted surfaces and is intended for above ground use only. For the treatment to be successful it is essential to check all joint and roof connections. Hairline cracks up to 0.3mm can be 'bridged' by **Rain Guard**, however, in some cases it may be necessary to fill cracks in brick/stonework and re-point using a suitable sand/lime or sand/cement mortar incorporating SBR Additive. Dirty surfaces should be cleaned to the recommendations given in BS8221-1:2000, "Code of practice for cleaning and surface repair of buildings. Cleaning of natural stones, brick, terracotta and concrete."   **DO NOT USE DETERGENTS.**

Rain Guard is clear when cured however a slight darkening of the substrate will occur in the application stages, this will disappear after a short period of time. Large areas should be applied by roller; window and door reveals and difficult areas can be easily treated by brush. Once treated the area will look white, check for any missed patches, these can be easily seen and treated.

After 20 minutes or so **Rain Guard** will start to penetrate into the surface and this will become water repellent after 2 hours. After 24 to 48 hours the white surface will disappear leaving a clear water repellant surface. After a couple of months any rain or moisture will bead on the surface. 1lt of **Rain Guard** should cover approx 5 square metres of surface

PACKAGING

Rain Guard is packed in 3 litre containers

RESULT